

Observations of Comet 1898 (Coddington, June 11) made at Sydney Observatory.

(Communicated by H. C. Russell, C.M.G., F.R.S., Government Astronomer.)

1898.	Sydney M.T. h m s	Δ R.A. m s	Δ N.P.D. " "	Op.	Obs.	R.A. app. h m s	log. p. Δ	N.P.D. app. " "	log. p. Δ	Red. ad. l. app. s	*
June 16	9 15 52	-1 34'14	+7 20'6	5	S.	16 10 28'11	9'253 _n	117 54 57'4	0'029	+4'24	+13'5 1
23	8 47 30	+0 22'46	-0 27'4	8	S.	15 45 42'26	9'110 _n	122 7 37'5	9'528	+4'29	+17'1 2
23	9 38 57	*			S.	15 45 34'45		122 8 53'7	9'372		
24	8 44 10	+0 38'98	-7 33'0	8	S.	15 42 7'91	9'077 _n	122 41 43'7	9'373	+4'28	+17'6 3
24	9 31 27	*			S.	15 42 0'08		122 42 49'7	9'172		
27	9 9 5	*			L.	15 31 24'36		124 21 37'6	9'018 _n		
July 4	9 30 14	-0 11'10	+2 47'8	3	S.	15 7 17'73	9'286	127 51 3'6	9'617 _n	+4'15	+22'1 4
5	8 10 30	*			S.	15 4 11'64		128 16 43'1	9'848 _n		
6	8 3 21	*			S.	15 0 58'15		128 43 8'5	9'888 _n		
7	7 56 15	*			S.	14 57 47'71		129 8 56'9	9'923 _n		

Observer : L.=H. A. Lenehan. S.=R. P. Sellors.

* Observed on the meridian with transit circle.

Mean Places of Comparison Stars for 1898.0.

	R.A.			N.P.D.			Authority.		
*	^h	^m	^s	[°]	[']	["]			
1	16	11	58.01	117	47	23.3	St. 8858.	Cord. G.C. 22077.	Yarnall, 6348
2	15	45	15.51	122	7	47.8	Cord. Z.C. 15 ^a	3084	
3	15	41	24.65	122	48	59.1	Cord. G.C. 21386.	Wash. Z. (1846)	25.2
4	15	7	24.68	127	47	53.7	Sydney Mer. Obs.	1898	

Sydney Observatory :
1898 July 12.

Ephemeris for Physical Observations of

(Continued from

Greenwich Noon. 1898.	P.	L-O.	B.	A-L.	B.	Q.	E.
	^o	^o	^o	^o	^o	^o	^o
Nov. 12	353.66	217.42	+15.90	-34.88	+1.19	283.39	37.43
14	354.05	218.04	16.05	34.61	1.61	283.51	37.02
16	354.41	218.60	16.17	34.28	2.03	283.62	36.58
18	354.76	219.12	16.27	33.91	2.45	283.71	36.10
20	355.08	219.60	16.35	33.50	2.87	283.77	35.58
22	355.36	220.04	+16.42	-33.06	+3.28	283.81	35.03
24	355.62	220.44	16.47	32.58	3.69	283.84	34.43
26	355.86	220.81	16.50	32.07	4.10	283.84	33.81
28	356.07	221.14	16.53	31.52	4.50	283.81	33.14
30	356.25	221.42	16.54	30.93	4.90	283.76	32.42
Dec. 2	356.40	221.66	+16.53	-30.29	+5.30	283.68	31.69
4	356.53	221.86	16.50	29.62	5.70	283.55	30.90
6	356.62	222.00	16.46	28.88	6.10	283.39	30.07
8	356.68	222.09	16.40	28.10	6.50	283.19	29.19
10	356.70	222.14	16.31	27.28	6.89	282.95	28.26
12	356.69	222.12	+16.20	-26.39	+7.28	282.68	27.28
14	356.64	222.05	16.08	25.45	7.67	282.35	26.26
16	356.56	221.92	15.94	24.45	8.05	281.99	25.17
18	356.44	221.75	15.78	23.41	8.43	281.56	24.03
20	356.28	221.52	15.61	22.32	8.81	281.06	22.84
22	356.09	221.23	+15.42	-21.16	+9.18	280.47	21.59
24	355.87	220.89	15.22	19.95	9.55	279.78	20.29
26	355.62	220.50	15.00	18.70	9.92	278.99	18.95
28	355.32	220.05	14.76	17.39	10.29	278.12	17.55
30	354.98	219.55	14.51	16.02	10.65	277.04	16.12
1899. Jan. 1	354.62	219.02	+14.25	-14.63	+11.01	275.74	14.63
3	354.23	218.44	13.97	13.18	11.37	274.14	13.12
5	353.81	217.82	13.68	11.72	11.72	272.28	11.57
7	353.37	217.17	13.39	10.18	12.07	269.77	10.01
9	352.92	216.50	13.09	8.64	12.41	266.45	8.43
11	352.45	215.80	+12.77	-7.07	+12.75	261.70	6.87
13	351.94	215.07	12.45	5.47	13.09	254.29	5.34
15	351.44	214.32	12.13	3.85	13.43	241.71	3.95
17	350.94	213.57	+11.80	-2.23	+13.76	218.40	2.91